S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.2	**Proposed construction of Chain link Fencing Compund Wall**							
1	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil.NO.KBS 2.1(a)/2.3.5 (Page no-6, Item No-2.3 of PWD SR 2018-19.)							
	Excavation							
	West Side Compound	1	12.06	0.80	0.90	8.68		
		1	1.53	0.80	0.90	1.10		
		1	8.87	0.80	0.90	6.39		
		1	2.93	0.80	0.90	2.11		
		1	44.02	0.80	0.90	31.69		
		1	5.62	0.80	0.90	4.05		
	Column (Gate)	2	0.90	0.90	0.90	1.46		
	East Side	1	23.35	0.80	0.55	10.27		
		1	10.01	0.80	0.55	4.40		
		1	4.71	0.80	0.55	2.07		
		1	15.47	0.80	0.55	6.81		
		1	22.55	0.80	0.55	9.92		
		1	4.23	0.80	0.55	1.86		
		1	14.98	0.80	0.55	6.59		
	Total Quantity					97.40	322.92	31452.00
						Cum		
	BR	299.00						
	AW 8%	23.92						
	Total	322.92	Cum					
2	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 OPC cement @ 180 Kgs with 40mm and down size graded granite metal of coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15cms thick, well compacted in foundation including cost of all materials, labour, HOM curing complete as per Specification No. KBS 4.1, 4.2 (Page no-13, Item No-4.3 of PWD SR 2018-19.)							
	PCC 1:4:8							
	West Side Compound	1	12.06	0.80	0.10	0.96		
		1	1.53	0.80	0.10	0.12		
		1	8.87	0.80	0.10	0.71		
		1	2.93	0.80	0.10	0.23		
		1	44.02	0.80	0.10	3.52		
		1	5.62	0.80	0.10	0.45		
	Column (Gate)	2	0.90	0.90	0.10	0.16		
	East Side	1	23.35	0.80	0.10	1.87		
		1	10.01	0.80	0.10	0.80		
		1	4.71	0.80	0.10	0.38		
		1	15.47	0.80	0.10	1.24		
		1	22.55	0.80	0.10	1.80		
		1	4.23	0.80	0.10	0.34		
		1	14.98	0.80	0.10	1.20		
	Total Quantity					13.78	5510.16	75930.00
						Cum		
	BR=	5102.00						
	AW 8%	408.16						
	Total	5510.16	Cum					

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S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.2	**Proposed construction of Chain link Fencing Compund Wall**							
3	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13-cement morter 1:6 (Page no-25, Item No-5.6 of PWD SR 2018-19.)							
	SSM IN CM 1:6							
	1st footing	1	75.03	0.60	0.80	36.01		
	East Side	1	95.30	0.60	0.45	25.73		
	Column	2	0.75	0.75	0.80	0.90		
	Total Quantity					62.65	4963.68	310952.00
						Cum		
	BR	4596.00						
	AW 8%	367.68						
	Total	4963.68	Cum					
4	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6,edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page no-25, Item No-5.9 of PWD SR 2018-19.)							
	2nd Footing	1	75.03	0.45	0.80	27.01		
	East Side	1	95.30	0.45	0.45	19.30		
	Column	2	0.45	0.45	2.50	1.01		
	Total Quantity					47.32	5921.64	280221.00
						Cum		
	BR	5483.00						
	AW 8%	438.64						
	Total	5921.64	Cum					
5	KSRB 4-2.2: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3 Liters conforming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footing ,pedastals,retaining walls,return walls, walls (any thickness) including attached pilasters, columnspillars,post struts, buttresses, bed blocks, anchor blocks & Plinths etc., including cost of all materials, labour, HOM curing complete as per Specifications Specification No. KBS 4.1, 4.6(Page no-14, Item No-4.11 of PWD SR 2018-19.)							
	For plinth beam	1	75.03	0.45	0.10	3.38		
	East Side	1	95.30	0.45	0.10	4.29		
	Total Quantity					7.67	6111.72	46868.00
						Cum		
	BR	5659.00						
	AW 8%	452.72						
	Total	6111.72	Cum					
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2(Page no-16, Item No-4.31 of PWD SR 2018-19.)							
	For plinth beam	2	75.03		0.10	15.01		
	East Side	2	95.30		0.10	19.06		
	Total Quantity					34.07	386.64	13173.00
						sqm		
	BR	358.00						
	AW 8%	28.64						
	Total	386.64	sqm					

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S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.2	**Proposed construction of Chain link Fencing Compund Wall**							
7	KSRB 4.9.2 : Providing TMT Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per Specifications. Specification No. KBS 4.6.3 -TMT bars Fe 500(Page no-18, Item No-4.46.2 of PWD SR 2018-19.)							
	75kg/cum of RCC	7.67	75.00			0.58		
	Total Quantity					0.58	80347.21	46601.00
						tonne		
	BR	78007.00						
	AW 3%	2340.21						
	Total	80347.21	tonne					
8	KSRB : 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification. Specification No. KBS 2.9 (Page no-7, Item No-2.10 of PWD SR 2018-19.)							
	Excavated Earth					97.40		
	Less PCC					-13.78		
	Less SSM foundation	-1	170.33	0.60	0.45	-45.99		
	less Column	-1	0.75	0.75	0.75	-0.42		
	Total Quantity					37.21	217.08	8078.00
						Cum		
	BR	201.00						
	AW 8%	16.08						
	Total	217.08	Cum					
9	KSRB 15-3 : Providing 18mm thick cement plaster in single coat with cement mortar to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications -Cement Morter 1:6 (Page no-116, Item No-15.17 of PWD SR 2018-19.)							
	Coping	1	75.03		0.45	33.76		
	side	2	75.03		0.10	15.01		
	East Side	1	95.30		0.45	42.89		
		2	95.30		0.10	19.06		
	Total Quantity					110.72	264.60	29297.00
						Sqm		
	BR	245.00						
	AW 8%	19.60						
	Total	264.60	Sqm					
10	KSRB 15.1.2 Providing flush pointing 20mm deep to square rubble, course or uncoursed stone masonry with cement mortar after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.cement morter 1:4 (Page no-115, Item No-15.2 of PWD SR 2018-19.)							
	Pointing out side	1.00	75.03		0.80	60.02		
	Inside	1.00	75.03		0.45	33.76		
	Column	2.00	1.80		2.50	9.00		
	East Side	2	95.30		0.45	85.77		
	Total Quantity					188.55	151.20	28509.00
						Sqm		
	BR	140.00						
	AW 8%	11.20						
	Total	151.20	Sqm					
11	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications With Primer (Page no-120, Item No-15.53.2 of PWD SR 2018-19.)							

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S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.2	**Proposed construction of Chain link Fencing Compund Wall**							
	Quantity Same As Plastering					110.72		
	Total Quantity					110.72	110.16	12197.00
	BR	102.00				Sqm		
	AW 8%	8.16						
	Total	110.16	Sqm					
12	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) including cost of materials,labour,HOM complete asper specifications.(Page no-266, Item No-37.2 of PWD SR 2018-19.)							
	Angles	40	2.45			98.00		
	East Side	49	2.45			120.05		
	Total Quantity					218.05	927.72	202289.00
	BR	859.00				m		
	AW 8%	68.72						
	Total	927.72	m					
13	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint.including cost of materials,Labour HOM Complete as per Specification. (Page no-266, Item No-37.4 of PWD SR 2018-19.)							
	M.S. Block pipe of 38mm dia	3.00	75.03			225.09		
	East Side	3.00	95.30			285.90		
	Total Quantity					510.99	440.64	225163.00
	BR	408.00				m		
	AW 8%	32.64						
	Total	440.64	m					
14	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint including cost of materials,Labour HOM Complete as per Specification (Page no-266, Item No-37.3 of PWD SR 2018-19.)							
	chain link fencing 50mm size	1.00	75.03		1.80	135.05		
	East Side	1.00	95.30		1.80	171.54		
	Total Quantity					306.59	772.20	236749.00
	BR	715.00				Sqm		
	AW 8%	57.20						
	Total	772.20	Sqm					
15	Fabricating, providing and erecting in poiston of M S Ornamental security Grill Gate without hot dip using 75 x 12mm M S Flat for alround frame work with verticals at the centre and horizontal centere support M S Square of 20 x20 mm of different heights as shown in the drawing are to be fixed at 16 cms C/C for suqare bars of full height and at 8cms C / C for bottom rods providg ornamental C I Designers at the botom and C I arrows inthe midle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drillling holes. the work includes providng two coats of enamel painting over one coatr of red lead ready mix primer coat etc complete cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all other incidental charges required for successful completion fo the work as per specification and drawings (Page no-43, Item No-7.31 of PWD SR 2018-19.)							

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S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.2	**Proposed construction of Chain link Fencing Compund Wall**							
	Main Gate	1	6.00	2.50	40.00	600.00		
	Total Quantity				kg/Sq m	600.00	142.56	85536.00
						Sq.m		
	BR	132.00						
	AW 8%	10.56						
	Total	142.56	Kg					
16	KSRB 24-13 : Removing the old paint from steel and / or other metal surface with hand scraping and making surface even including cost of labour, complete as per specifications. Specification No.KBS. (Page no-131, Item No-16.8 of PWD SR 2018-19.)`							
	Fencing paintings							
	South Side	1.00	9.33		2.00	18.66		
		1.00	27.55		2.00	55.10		
		1.00	14.74		2.00	29.48		
	Total Quantity					103.24	90.72	9366.00
	BR	84.00				Sqm		
	AW 8%	6.72						
	Total	90.72	Sqm					
17	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. (Page no-123, Item No-15.73 of PWD SR 2018-19.)							
	Quantity Same As item No-14					103.240		
	Total Quantity					103.24	44.28	4571.00
	BR	41.00				Sqm		
	AW 8%	3.28						
	Total	44.28	Sqm					
18	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications(Page no-123, Item No-15.74 of PWD SR 2018-19.)`							
	Quantity Same As item No-14					103.240		
	Total Quantity					103.24	102.60	10592.00
	BR	95.00				Sqm		
	AW 8%	7.60						
	Total	102.60	Sqm					
	Total Amount							1657544.00
	Add 12% GSt							
	Mis And round Off							
	Grand Total Amount							**16,57,544**

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Name of the Work: Development of Park and Construction of Watch man Room At Bagalagunte,12th cross,Nagalakshmi temple park in dasarahalli Zone,Ward No-14

DETAILED ESTIMATE PWD SR 2018-19

S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.3	**Proposed construction of Watchman Shed**							
1	KSRB 2-2.1 : Earthwork excavation by manual means for foundation of buildings, water supply, sanitary lines and electrical conduits etc., either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.-in ordinary soil.NO.KBS 2.1(a)/2.3.5 (Page no-6, Item No-2.3 of PWD SR 2018-19.)							
	Column Footing F1	4	2.18	2.18	1.50	28.51		
	F5/F6/F7	3	1.42	1.42	1.50	9.07		
	Staircase	1	0.90	0.60	0.75	0.41		
	Size Stone Masonry							
	Grid -1 and 2	2	2.85	0.65	0.65	2.41		
	Grid -A and D	2	2.64	0.65	0.65	2.23		
	Grid-2	1	4.39	0.65	0.10	0.29		
	Steps-1	1	1.50	0.90	0.10	0.14		
	Steps-2	1	1.20	0.90	0.10	0.11		
	Total Quantity					43.17	322.92	13940.00
	BR	299.00				Cum		
	AW 8%	23.92						
	Total	322.92	Cum					
2	kSRB-3.2: Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 liter/sqm., including cost of chemical, diluting in water to one percent concentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 3.2.6 / 3.2.7(Page no-10, Item No-3.2 of PWD SR 2018-19.)							
	Plinth Area	1	5.49	5.03		27.61		
	Total Quantity					27.61	114.48	3161.00
	BR	106.00				sqm		
	AW 8%	8.48						
	Total	114.48	sqm					
3	KSRB 4-1.3: Providing and laying in position plain cement concrete of mix 1:4:8 OPC cement @ 180 Kgs with 40mm and down size graded granite metal of coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted in foundation including cost of all materials, labour, HOM curing complete as per Specification No. KBS 4.1, 4.2 (Page no-13, Item No-4.3 of PWD SR 2018-19.)							
	Column footing F1	4	2.18	2.18	0.10	1.90		
	F5/F6/F7	3	1.42	1.42	0.10	0.60		
	Staircase	1	0.90	0.60	0.10	0.05		
	Total							
	Size Stone Masonry							
	Grid -1 and 2	2	5.69	0.65	0.10	0.74		
	Grid -A and D	2	3.93	0.65	0.10	0.51		
	Grid-2	1	4.37	0.65	0.10	0.28		
	Deduct Column Area	-4	0.45	0.20	0.10	-0.04		
	Steps-1	1	1.50	0.90	0.10	0.14		
	Steps-2	1	1.20	0.90	0.10	0.11		
						4.29		
	Flooring	1	5.13	2.44	0.10	1.25		
		1	5.13	1.98	0.10	1.02		
	Plinth Protection	1	6.08	0.60	0.10	0.36		
		1	5.03	0.60	0.10	0.30		
		1	4.93	0.60	0.10	0.30		
		1	1.06	0.91	0.10	0.10		
		1	2.19	5.91	0.10	1.29		
	Deduct Step Area							
	Steps-1	-1	1.50	0.90	0.10	-0.14		
	Steps-1	-1	1.20	0.90	0.10	-0.11		
	Total					4.37		
	Total Quantity					8.66	5510.16	47718.00
	BR	5102.00				cum		
	AW 8%	408.16						
	Total	5510.16	cum					

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Name of the Work: Development of Park and Construction of Watch man Room At Bagalagunte,12th cross,Nagalakshmi temple park in dasarahalli Zone,Ward No-14

DETAILED ESTIMATE PWD SR 2018-19

S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.3	**Proposed construction of Watchman Shed**							
4	KSRB 4-2.2: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with superplastisiser @ 3 Liters conforming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footing ,pedastals,retaining walls,return walls, walls (any thickness) including attached pilasters, columnspillars,post struts, buttresses, bed blocks, anchor blocks & Plinths etc., including cost of all materials, labour, HOM curing complete as per Specifications Specification No. KBS 4.1, 4.6(Page no-14, Item No-4.11 of PWD SR 2018-19.)							
	Ground Floor							
	Column footing F1	4	1.98	1.98	0.53	8.31		
	F5/F6/F7	3	1.22	1.22	0.45	2.01		
	Column	4	0.20	0.45	5.37	1.93		
	F5/F6/F7	3	0.20	0.20	5.37	0.64		
	Grant Total					12.89	6111.72	78780.00
						Cum		
	BR	5659.00						
	AW 8%	452.72						
	Total	6111.72	Cum					
5	KSRB 4-2.8: Providing and laying in position Reinforced Cement Concrete of design mix M20 with OPC @ 320 Kgs with 20mm and down size graded granite metal of coarse aggregates @ 0.69 cum and fine aggregates @ 0.46 cum, with super plasticizer @ 3 Ltrs confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in Ground floor level for roof slabs, staircase ,lintels, and beams retaining walls,return walls, walls (any thickness)including attached pilesters,columns pillers,posts,struts,buttresses,string or lacing courses,parapets,coping ,bed blocks, anchor blocks,plain window cills ,fillets etc., including cost of all materials, labour, HOM curing complete but excluding the cost of reinforcement as per Specifications. Specification No. KBS 4.1, 4.6 (Page no-14, Item No-4.13 of PWD SR 2018-19.)							
	Plinth Beam							
	Grid -1 and 2	2	4.59	0.20	0.45	0.83		
	Grid -A and D	2	4.63	0.20	0.45	0.83		
	Inside Plinth beam	1	5.09	0.20	0.45	0.46		
	Portico plinth Beam	3	1.93	0.20	0.45	0.52		
		1	1.49	0.20	0.45	0.13		
		1	2.93	0.20	0.45	0.26		
						3.03		
	Total							
	Lintel Beam							
	Grid -1 and 2	2	4.59	0.20	0.15	0.28		
	Grid -A and D	2	4.63	0.20	0.15	0.28		
	Inside Lintel Beam	1	5.09	0.10	0.15	0.08		
	Toilet	2	2.08	0.10	0.15	0.06		
	Total					0.70		
	Roof Beam							
	Grid -1 and 2	2	4.59	0.20	0.33	0.61		
	Grid -A and D	2	4.63	0.20	0.33	0.61		
	inside beam	1	5.09	0.20	0.33	0.34		
	Portico Beam	2	1.93	0.20	0.33	0.25		
		1	1.49	0.20	0.33	0.10		
	Staircase Landing Beam	1	1.93	0.20	0.33	0.13		
	Slab	1	5.48	5.03	0.13	3.45		
	Portico	1	1.06	0.91	0.13	0.12		
		1	2.13	2.81	0.13	0.75		
	Total					6.36		
	StairCase							
	Footing	1	1.20	0.40	0.65	0.31		
	Waist Slab	1	2.97	0.90	0.15	0.40		
	Landing Slab	1	2	0.90	0.15	0.27		
	Waist Slab	1	2.05	0.90	0.15	0.28		
	Steps(22*.50=11)	11	0.9	0.30	0.15	0.45		
	Total					1.71		
	Total Quantity					11.80	6363.36	75088.00
	BR	5892.00				Cum		
	AW 8%	471.36						
	Total	6363.36	Cum					

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Name of the Work: Development of Park and Construction of Watch man Room At Bagalagunte,12th cross,Nagalakshmi temple park in dasarahalli Zone,Ward No- 14

DETAILED ESTIMATE PWD SR 2018-19

S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.3	**Proposed construction of Watchman Shed**							
6	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page no-16, Item No-4.28 of PWD SR 2018-19.)							
	Column footing F1	4	7.92		0.53	16.79		
	F5/F6/F7	3	4.88		0.45	6.59		
	Total Quantity					23.38	278.64	6515.00
						Sqm		
	BR	258.00						
	AW 8%	20.64						
	Total	278.64	Sqm					
7	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per Specifications. Specification No. KBS 4.6.2 (Page no-16, Item No-4.32 of PWD SR 2018-19.)							
	Column 1	4	1.30		5.37	27.92		
	F5/F6/F7	3	0.80		5.37	12.89		
	Total Quantity					40.81	492.48	20098.00
						sqm		
	BR	456.00						
	AW 8%	36.48						
	Total	492.48	sqm					
8	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page no-16, Item No-4.31 of PWD SR 2018-19.)							
	Plinth beam							
	Grid -1 and 2	4	4.59		0.45	8.26		
	Grid -A and D	4	4.63		0.45	8.33		
	Internal plinth Beam	2	5.09		0.45	4.58		
	Portico plinth Beam	6	1.93		0.45	5.21		
		2	1.49		0.45	1.34		
		2	2.93		0.45	2.64		
	Total Quantity					30.36	386.64	11738.00
						Sqm		
	BR	358.00						
	AW 8%	28.64						
	Total	386.64	Sqm					
9	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page no 17, Item No-4.34 of PWD SR 2018-19.)							
	Lintel Beam							
	Grid -1 and 2	4	4.59		0.15	2.75		
	Grid -A and D	4	4.63		0.15	2.78		
	Inside Lintel	2	5.09		0.15	1.53		
	Toilet	4	2.08		0.15	1.25		
	Total					8.31		
	Roof Beam							
	Grid -1 and 2	4	4.59		0.33	6.06		
	Grid -A and D	4	4.63		0.33	6.11		
	inside	2	5.09		0.33	3.36		
	Portico							
	Portico Beam	4	1.93		0.33	2.55		
		2	1.49		0.33	0.98		
	Staircase Landing Beam	2	1.93		0.33	1.27		
	Total					20.33		
	Roof Sides	1	27.21		0.13	3.54		
	Total					3.54		
	Total Quantity					32.18	315.36	10148.00
						Sqm		
	BR	292.00						
	AW 8%	23.36						
	Total	315.36	Sqm					

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Name of the Work: Development of Park and Construction of Watch man Room At Bagalagunte,12th cross,Nagalakshmi temple park in dasarahalli Zone,Ward No-14

DETAILED ESTIMATE PWD SR 2018-19

S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.3	**Proposed construction of Watchman Shed**							
10	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from Ground level Specification No. KBS 4.6.2 -0 to 5mts (Page no-16, Item No-4.29.2 of PWD SR 2018-19.)							
	Ground floor							
	Slab	1	5.48	5.03		27.56		
	Portico	1	1.06	0.91		0.96		
		1	2.13	2.81		5.99		
	Waist Slab	1	2.97	0.90		2.67		
		2	2.97	0.15		0.89		
	Landing Slab	1	2	0.90		1.80		
	Side	1	0.9	0.15		0.14		
		1	2	0.15		0.30		
	Waist Slab	1	2.05	0.90		1.85		
	Side	2	2.05	0.15		0.62		
	Steps	22	0.9	0.15		2.97		
	Deduction							
	C1	-4	0.45	0.20		-0.36		
		-3	0.20	0.20		-0.12		
	Total Quantity					45.27	432.00	19557.00
	BR	400.00				Sqm		
	AW 8%	32.00						
	Total	432.00	Sqm					
11	KSRB 4-1.7: Providing and laying in position Plain cement Concrete of mix 1:3:6 with OPC @ 220kgs,with 20mm and downsize graded granite metal coarse aggregates @0.69 cum and Fine aggregates @ 0.56 cum,machine mixed,concre laid in layers not exceeding 15 cms thick, well compacted, in foundation, Plinth and cills, including cost of all materials labour,HOM curing complete as per Specifications. Specification No .KBS 4.1,4.2.(Page no-13, Item No-4.7 of PWD SR 2018-19.)							
	W Cill	2.00	2.03	0.2	0.1	0.08		
	W1	1.00	1.42	0.2	0.1	0.03		
	V	2.00	0.96	0.2	0.1	0.04		
	Total Quantity					0.15	5733.72	860.00
	BR	5309.00				Cum		
	AW 8%	424.72						
	Total	5733.72	Cum					
12	KSRB 4-2.10: Providing and laying in position Reinforced Cement Concrete of Design mix M20 with OPC @ 24Kgs with 12mm and down size graded granite metal coarse aggregates @ 0.05175 cum and fine aggregates @ 0.0345 cum, with super plasticizer @ 0.225 Ltrs, machine mixed, well compacted for Plain chajja of 7.5cms average thickness, upto ground floor level, including cost of all materials, labour, HOM curing complete but excluding cost of reinforcement as per Specifications. Specification No. KBS 4.1, 4.6(Page no-15, Item No-4.19 of PWD SR 2018-19.)							
	Chejja A1-A2	2	2.43	0.6		2.92		
	W	1	1.82	0.6		1.09		
	W1	1	3.96	0.6		2.38		
	loft kitchen							
	Total Quantity					6.39	475.20	3037.00
	BR	440.00				Sq.m		
	AW 8%	35.20						
	Total	475.20	Sq.m					
13	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for chajja, corbels etc., including edges including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 (Page no-17, Item No-4.37 of PWD SR 2018-19.)							
	Qty Same as Si no 13					6.39	348.84	2229.00
						Sq.m		
	BR	323.00						
	AW 8%	25.84						
	Total	348.84	Sq.m					

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Name of the Work: Development of Park and Construction of Watch man Room At Bagalagunte,12th cross,Nagalakshmi temple park in dasarahalli Zone,Ward No-14

DETAILED ESTIMATE PWD SR 2018-19

S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.3	**Proposed construction of Watchman Shed**							
14	KSRB 4.2.12 : Extra for providing throating or drip moulding to R.C.C. chajja with plastering (labour charges only) as per specifications. Specification No.KBS (Page no-15, Item No-4.21 of PWD SR 2018-19.)							
	W	2	3.63			7.26		
	W1	1	3.02			3.02		
	Total Quantity					10.28	35.64	366.00
						m		
	BR	33.00						
	AW 8%	2.64						
	Total	35.64	m					
15	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13-cement mortar 1:6 (Page no-25, Item No-5.6 of PWD SR 2018-19.)							
	Grid -1 and 2	2	5.49	0.45	0.45	2.22		
	Grid -A and D	2	4.13	0.45	0.45	1.67		
	Deduct Column Area	-4	0.45	0.20	0.45	-0.16		
	Total Quantity					3.73	4963.68	18515.00
	BR	4596.00				Cum		
	AW 8%	367.68						
	Total	4963.68	Cum					
16	KSRB : 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification. Specification No. KBS 2.9 (Page no-7, Item No-2.10 of PWD SR 2018-19.)							
	Earth Work Quantity					43.17		
	Deduct CC 1:4:8 Bed					-4.29		
	Deduct RCC Footing					-10.32		
	column	-4	0.45	0.20	0.87	-0.31		
		-3	0.20	0.20	0.95	-0.11		
	BASEMENT Filling	1	5.13	2.44	0.35	4.38		
		1	5.13	1.98	0.35	3.56		
	Deduct SSM Foundation					-3.73		
	Total qty of earth filling					32.35	217.08	7023.00
	BR	201.00				Cum		
	AW 8%	16.08						
	Total	217.08	Cum					
17	KSRB 4.9.2 : Providing TMT Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per Specifications. Specification No. KBS 4.6.3 -TMT bars Fe 500(Page no-18, Item No-4.46.2 of PWD SR 2018-19.)							
	Quantity of steel	24.69	cum	100kg/cum		2469.00		
	Total Quantity					2.47	84247.56	208091.00
	BR	78007.00				Tonne		
	AW 8%	6240.56						
	Total	84247.56	Tonne					

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Name of the Work: Development of Park and Construction of Watch man Room At Bagalagunte,12th cross,Nagalakshmi temple park in dasarahalli Zone,Ward No-14

DETAILED ESTIMATE PWD SR 2018-19

S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.3	**Proposed conatruction of Watchman Shed**							
18	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1) : 2005 and constructed with CM 1: 4,as per IS 2572:2005 including cost of all materials labour Charges ,Scaffolding,curing,hire charges of all materials labour charges, scaffolding,curing,hire charges of machineries etc.,complete as per specifications.KBS No. 5.4 - with solid concrete blocks of size 400X200X200 (Page no-27, Item No-5.26.1 of PWD SR 2018-19.)							
	Wall up to beam Bottom (Excluding lintel)							
	Long wall	2	4.59		2.52	23.13		
	Short wall	2	4.63		2.52	23.34		
	Deduction							
	D	-1	1.06		2.10	-2.23		
	D 2	-1	0.84		2.10	-1.76		
	W	-2	1.83		1.37	-5.01		
	W1	-1	1.22		1.22	-1.49		
	V	-2	0.75		0.75	-1.13		
	Deduct Cill Concrete					-0.15		
	Steps-1	1	1.50		0.60	0.90		
		1	1.50		0.40	0.60		
		1	1.50		0.20	0.30		
	Steps-2	1	1.20		0.60	0.72		
		1	1.20		0.40	0.48		
		1	1.20		0.20	0.24		
	Net Quantity					37.94	1038.96	39418.00
	BR	962.00				Sqm		
	AW 8%	76.96						
	Total	1038.96	Sqm					
19	KSRB 5-15 Providing and constructing non load bearing wall with solid concrete blocks of sizes 400 X 100 x 200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (part 1) : 2005 and constructed with CM 1:4 as per IS 2572: 2005 including cost of all materials labour Charges, Scaffolding,curing,hire charges of machineries etc.,Complete as per secifications.KBS No 5.4(Page no-27, Item No-5.28 of PWD SR 2018-19.)							
	Living	1	5.09		2.52	12.83		
	WC and Kitchen	2	2.08		2.85	11.86		
	Kitchen Flat fork	6	0.60		0.90	3.24		
	Parapet wall	1	27.21		0.75	20.41		
	Deductions							
	D1	-1	0.91		2.10	-1.91		
	D2	-1	0.84		2.10	-1.76		
	Column	-4	0.45		0.75	-1.35		
	F5/F6/F7	-3	0.20		0.75	-0.45		
	Staircase Entry	-1	0.90		0.75	-0.68		
	Total Quantity					42.19	875.88	36953.00
						Sqm		
	BR	811.00						
	AW 8%	64.88						
	Total	875.88	Sqm					
20	KSRB 9.4-3 : Providing wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. Specification No. KBS 9.33-Mathi/Nandi Wood Frames (Page no-53, Item No-9.12 of PWD SR 2018-19.)							
	D	1	6.54	0.13	0.10	0.08		
	D1	1	6.23	0.10	0.08	0.05		
	Total Quantity					0.13	79051.68	10277.00
	BR	73196.00				Cum		
	AW 8%	5855.68						
	Total	79051.68	Cum					

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Name of the Work: Development of Park and Construction of Watch man Room At Bagalagunte,12th cross,Nagalakshmi temple park in dasarahalli Zone,Ward No-14

DETAILED ESTIMATE PWD SR 2018-19

S.No	Particulars	No	L	B	D	Qty	Rate	Amount
A.3	**Proposed construction of Watchman Shed**							
21	KSRB 9-27.1 : Fixing of frames in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.-Fixing of door Frame. (Page no-60, Item No-9.80 of PWD SR 2018-19.)`							
	D and D1	2				2.00		
	Total Quantity					2.00	1475.28	2951.00
	BR	1366.00				Nos		
	AW 8%	109.28						
	Total	1475.28	Nos					
22	KSRB 9-9.1: Providing and fixing flush door shutter made out of solid core black board type ,well seasoned chemically treated hard wood battens and internal frame with minimum 45mm wide wooden frame all round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (part-1)1991 from manufacturer(factory) complete as per specification. -30mm thick both side teak. (Page no-65, Item No-9.106.1 of PWD SR 2018-19.)`							
	D	1	1.07		2.10	2.25		
	D1	1	0.91		2.10	1.91		
	Total Quantity					4.16	3998.16	16624.00
	BR	3702.00				Sqm		
	AW 8%	296.16						
	Total	3998.16	Sqm					
23	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. (Page no-60, Item No-9.84 of PWD SR 2018-19.)`							
	D2	2	0.84		2.10	3.53		
	Total Quantity					3.53	505.44	1784.00
	BR	468.00				Sqm		
	AW 8%	37.44						
	Total	505.44	Sqm					
24	PVC DOOR SHUTTER (Nandi or Equivalent) Supply and fixing of door shuttersmade of rigid PVC extruded hollow section (Nandi or equivalent) o f 20mm x 200mm with the wall thickness of 1.0mm + /0.1mm equally divided into 4nos with tongue and groove locking arrangements. The shutter frame is made of 58x24 mm with the wall thickness of 1.5mm+/ -0.15mm section metricut and joined at 4 corners with 125mmx225mm plastic brackets. The shutter shall be horizontally reinforced with 2nos of 8mm PVC rods. Teak wood battons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door shutter. (Page no-61, Item No-9.86 of PWD SR 2018-19.)`							
	D2	2	0.84		2.10	3.53		
	Total Quantity					3.53	1927.80	6805.00
	BR	1785.00				Sqm		
	AW 8%	142.80						
	Total	1927.80	Sqm					

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